

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/780,116 (Conf. # 6504)	
	Filing Date	02/17/2004	
	First Named Inventor	Maurizio Biagiotti	
	Art Unit	3617	
	Examiner Name	Unknown	
Total Number of Pages in This Submission	23	Attorney Docket Number	GE124247US40

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration & POA, Application Data Sheet, Notice to File Missing Parts, Assignment, Return post card
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

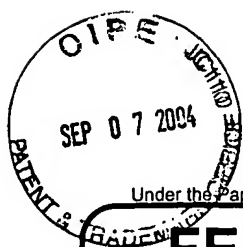
Firm or Individual name	Gerald W. Spinks
Signature	
Date	September 3, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Gerald W. Spinks		
Signature		Date	09/03/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 1360)

**Complete if Known**

Application Number	10/780,116 (Conf. #6504)
Filing Date	02/17/2004
First Named Inventor	Maurizio Biagiotti
Examiner Name	
Art Unit	3617
Attorney Docket No.	GE124247US40

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

07-0846

General Electric Transportation Sys.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$ 770)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims		Fee from below		Fee Paid	
18	-20** =	0	X		=	0	
2	-3** =	0	X		=	0	
Independent Claims							
Multiple Dependent							

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)**

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	130
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	420
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 590)

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)

Gerald W. Spinks

Registration No.  
(Attorney/Agent)

32,843

Telephone

(360)692-4506

Signature

Date

September 3, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Maurizio Biagiotti )  
Application No.: 10/780,116 ) Art Unit  
Confirmation No.: 6504 ) 3617  
Filed: 02/17/2004 )  
For: Switch Machine w/Improved Switch Point Connectors )  
Examiner: Unknown )  
Attorney Docket: GE124247US40 )

RESPONSE TO NOTICE TO FILE MISSING PARTS

Mail Stop Missing Part  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Sir:

Transmitted herewith for filing are:

- (1) A copy of the Notice to File Missing Parts of Application mailed on 05/11/2004;
- (2) Petition for Extension of Time;
- (3) A Declaration & Power of Attorney;
- (4) An Application Data Sheet;
- (5) An Assignment w/Recordation Form Cover Sheet;
- (6) Fees. Calculation of fees is as follows:

Basic filing fee	\$770
Surcharge	\$130
Fee for recording Assignment	\$40
Fee for two (2) month extension of time	\$420

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Total Fees	\$1360
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Please charge \$1360 to Deposit Account No. 07-0846 (General Electric Transportation Systems).

If an additional extension of time is required, please charge the fee for the extension to Deposit Account No. 07-0846 (General Electric Transportation Systems).

Please address all future correspondence in connection with the above-identified patent application to the address set forth below.

Dated this 3<sup>rd</sup> day of September, 2004.

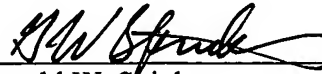
Respectfully submitted,



Gerald W. Spinks  
Attorney for Applicant  
Registration No. 32,843  
P.O. Box 2467  
Bremerton, WA 98310  
(360)692-4506

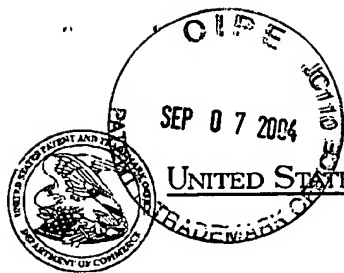
CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this Response to Notice to File Missing Parts is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Part, Commissioner for Patents, P. O. Box 1450, Alexandria VA 22313-1450, on this 3<sup>rd</sup> day of September, 2004.



Gerald W. Spinks  
Attorney for Applicant  
Registration No. 32,843

40-40903.rmp



UNITED STATES PATENT AND TRADEMARK OFFICE

 UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

IF90 \$

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/780,116	02/17/2004	Maurizio Biagiotti	GE124247US40

 22875  
 GERALD W SPINKS  
 P. O. BOX 2467  
 BREMERTON, WA 98310

CONFIRMATION NO. 6504

## FORMALITIES LETTER



\*OC000000012588010\*

Date Mailed: 05/11/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

09/08/2004 DEMMANU1 00000103 070846 10780116

FILED UNDER 37 CFR 1.53(b)

 01 FC:1001 770.00 DA  
 02 FC:1051 130.00 DA
*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 2-5, 8.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$900** for a Large Entity

- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice MUST be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Maurizio Biagiotti	)
		)
Application No.:	10/780,116	) Art Unit
		) 3617
Confirmation No.:	6504	)
		)
Filed:	02/17/2004	)
		)
For:	Switch Machine w/Improved Switch Point Connectors	)
		)
Examiner:	Unknown	)
		)
Attorney Docket:	GE124247US40	)

TRANSMITTAL OF FORMAL DRAWINGS

Mail Stop Missing Part  
Commissioner for Patents  
P. O. Box 1450  
Alexandria VA 22313-1450

Sir:

Enclosed are seven (7) sheets of formal drawings in the subject application, in response to the attached Notice to File Missing Parts.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

DATED this 3<sup>rd</sup> day of September, 2004.

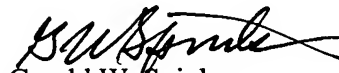
Respectfully submitted,



Gerald W. Spinks  
Attorney for Applicant  
Registration No. 32,843  
Customer No. 22,875  
P.O. Box 2467  
Bremerton, WA 98310  
(360)692-4506

CERTIFICATE OF MAILING UNDER 37 CFR §1.8

I hereby certify that this Transmittal of Formal Drawings is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Part, Commissioner for Patents, P. O. Box 1450, Alexandria VA 22313-1450, on this 3<sup>rd</sup> day of September, 2004.



Gerald W. Spinks  
Attorney for Applicant  
Registration No. 32,843